

Substitute for Form 1449 A &amp; B/PTO

**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

(use as many sheets as necessary)

Sheet

1

of

2

**Complete if Known**

Application Number	10/798,409
Confirmation Number	5988
Filing Date	March 12, 2004
First Named Inventor	TSUKADA, Kenji
Art Unit	2856
Examiner Name	Rose Mary Miller
Attorney Docket Number	Q80436

**U.S. PATENT DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Document Number		Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document
		Number	Kind Code <sup>3</sup> (if known)		
<i>[Signature]</i>		US 3,394,589		07/30/1968	Tomioka
		US			

**FOREIGN PATENT DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document			Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Translation <sup>6</sup>
		Country Code <sup>3</sup>	Number <sup>4</sup>	Kind Code <sup>5</sup> (if known)			
<i>[Signature]</i>		JP	07-137291		05/30/1995	Mikinobu	Abstract
		EP	0 881 079	A2	12/02/1998	Hough	Yes
		JP	56-061421		10-17-1979	Matsushita Electric Industrial Co., Ltd.	Claims
		JP	09-029989	A	02-04-1997	Canon, Inc.	Yes
		JP	05-254142	A	10-05-1993	Tokyo Electric, Co. Ltd.	Yes
		EP	0 885 731	A2	12/23/1998	Kanome	Yes
		EP	0 860 284	A2	8/26/1998	Watanabe et al.	Yes
		WO	99/42293	A1	8/26/1999	Hu et al.	Yes
		CN	1274645	A	11/29/2000	Kanatani et al.	Abstract
		JP	58-205820	A	11/30/1983	Takeushi et al.	Abstract
		JP	10-305590	A	11/17/1998	Kurihara et al.	Abstract
		WO	98/09139	A1	03/05/1998	Anderson	Yes
		JP	62-95225	A	05/01/1987	Hasegawa et al.	Yes
		FR	2 572 519	A1	05/02/1986	Reymond et al.	Abstract
		JP	2000-43287	A	02/15/2000	Kazuhiisa	Abstract
		JP	56-39413	A	04/15/1981		Abstract
		JP	10-323997		12/08/1998	Fumiyuki	Abstract
		JP	11-010909		01/19/1999	Nakano et al.	Abstract
		JP	11-277760		10/12/1999	Kato	Abstract
		JP	11-334107		12/07/1999	Nakamura et al.	Abstract
		JP	04-234670		08/24/1992	Mochizuki et al.	Abstract
		JP	05-318757		12/03/1993	Sekiya et al.	Abstract
		JP	62-184856		08/13/1987		Abstract
		JP	09039263		02/10/1997	Sanada et al.	Abstract
		JP	09-220216		08/26/1997	Yamada et al.	Abstract

**NON PATENT LITERATURE DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city, and/or country where published.	Translation <sup>6</sup>

Examiner Signature	<i>Rose Miller</i>	Date Considered	1/19/05
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<sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> See Kind Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov), MPEP 901.04 or in the comment box of this document. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST. 3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup> Applicant is to indicate here if English language Translation is attached.

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				Confirmation Number	5988
				Filing Date	March 12, 2004
				First Named Inventor	TSUKADA, Kenji
				Art Unit	2856
				Examiner Name	Rose Mary Miller
Sheet 2 Of 2				Attorney Docket Number	Q80436

U.S. PATENT DOCUMENTS					
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		US			
		US			
		US			
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		US			

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		Country Code <sup>3</sup>	Number <sup>4</sup>	Kind Code <sup>5</sup> (if known)			
		EP	0 803 365	B1	07/18/2001	Betschon	Yes
		EP	0 956 964	A2	11/17/1999	Kanaya et al.	Yes
		JP	08-034123		02/06/1996	Hiwada et al.	Abstract
		JP	02-034353		02/05/1990	Karita et al.	Abstract
		JP	07-081290		03/28/1995	Kato et al.	Abstract
		JP	11-020162		01/26/1999	Morita et al.	Abstract
		JP	11-020186		01/26/1999	Usui et al.	Abstract
		JP	56-061421		05/26/1981	Naka et al.	Abstract
		JP	59-052422		03/27/1984	Kawakami	Abstract
		JP	64-067530		03/14/1989	Saio	Abstract
		JP	05-025325		02/02/1993	Yamada et al.	Abstract
		JP	56-039414		04/15/1981	Oota	Abstract
		JP	56-053078		05/12/1981	Yamazaki	Abstract
		JP	58-201027		11/22/1983	Murata et al.	Abstract
		JP	11-048490		2/23/1999	Sato	Abstract
		JP	03-036037		2/15/1991	Yasuhara	Abstract
		JP	03-211907		09/17/1991	Toyama	Abstract
		JP	06-155762		06/03/1994	Fujisawa	Abstract
		JP	09-020013		01/21/1997	Goto	Abstract

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				Divisional of Appln. No.	09/917,217
				Confirmation Number	8382
				Filing Date	Herewith
				First Named Inventor	Kenji TSUKADA, et al.
				Art Unit	2856
				Examiner Name	Rose Mary Miller
				Attorney Docket Number	Q80436
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## U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No. <sup>1</sup>	Document Number		Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document
		Number	Kind Code <sup>2</sup> (if known)		
		US 4,811,595		3/14/1989	Marciniak et al.
		US 4,770,038		9/13/1988	Zuckerwar et al.
		US 5,353,631		10/11/1994	Woringer et al.
		US 5,949,447		9/7/1999	Arai et al.
		US 5,774,136		6/30/1998	Barbehenn et al.
		US 5,712,667		1/27/1998	Sato
		US 6,164,744		12/26/2000	Froger et al.
		US 3,832,900		9/3/1974	Ross
		US 3,703,693		11/21/1972	Levinn
		US 4,403,227		9/6/1983	Bertschy et al.
		US 6,007,190		12/28/1999	Murray et al.
		US 6,312,106		11/6/2001	Walker
		US 6,312,115		11/6/2001	Hara et al.
		US 6,390,590		5/21/2002	Hansburg
		US 5,463,377		10/31/1995	Kronberg
		US 5,788,819		8/4/1998	Onishi et al.
		US 5,975,102		11/2/1999	Schalk
		US 6,044,694		4/4/2000	Anderson et al.
		US 6,312,074		11/6/2001	Walker
		US 5,737,963		4/14/1998	Eckert et al.
		US 5,747,689		5/5/1998	Hampo et al.
		US 5,788,388		8/4/1998	Cowger et al.
		US 4,984,457		1/15/1991	Morris
		US 5,315,317		5/24/1994	Terasawa et al.
		US 5,689,288		11/18/1997	Wimmer et al.
		US 5,697,248		12/16/1997	Brown
		US 3,889,247		6/10/1975	Voll
		US 5,586,085		12/17/1996	Lichte
		US 4,984,449		1/15/1991	Caldwell et al.
		US 5,793,705		8/11/1998	Gazis et al.
		US 4,008,612		2/22/1977	Nagaoka et al.
		US 4,107,994		8/22/1978	Sogo
		US 4,419,677		12/6/1983	Kasugayama et al.
		US 4,796,782		1/10/1989	Wales et al.
		US 6,470,744	B1	10/29/02	Usui, et al.

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				Application Number	09/917,217
				Confirmation Number	8382
				Filing Date	July 30, 2001
				First Named Inventor	Kenji TSUKADA, et al.
				Art Unit	2856
				Examiner Name	Rose Mary Miller
Sheet 2 of 3				Attorney Docket Number	Q65620
<b>U.S. PATENT DOCUMENTS</b>					
Examiner Initials*	Cite No. <sup>1</sup>	Document Number		Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document
		Number	Kind Code <sup>2</sup> (if known)		
<i>RM</i>		US 5,616,929		April 1, 1997	Hara
<i>RM</i>		US 4,479,982		Oct. 30, 1984	Nilsson et al.

<b>FOREIGN PATENT DOCUMENTS</b>							
Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document			Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Translation <sup>6</sup>
		Country Code <sup>3</sup>	Number <sup>4</sup>	Kind Code <sup>5</sup> (if known)			
		WO	98/31548		7/23/1998	Hewlett-Packard Company	
		JP	63247047		10/13/1988	Canon Inc.	Abstract
		GB	2 304 898		3/26/1997	The Whitaker Corporation	
		WO	98/09139		3/5/1998	The General Electric Company	
		EP	0 873 873		10/28/1998	Hewlett-Packard Company	
		JP	06297726		10/25/1994	Canon Inc.	Abstract
		JP	62-95225		5/1/1987	Canon Inc.	Abstract
		EP	0 676 624		10/11/1995	Simmonds Precision Products Inc.	
		EP	0 803 364		10/29/1997	Canon Inc.	
		EP	1 088 668		4/4/2001	Hewlett-Packard Company	
		JP	10026549		1/27/1998	Nohken	Abstract
		JP	07137276		5/30/1995	Canon Inc.	Abstract
		EP	0 853 236		7/15/1998	Smiths Industries Public Limited Co.	
		JP	04135862		5/11/1992	Seiksha Co. Ltd.	Abstract
		JP	10-305590		11/17/1998	Matsushita Electric Co., Ltd.	Abstract
		WO	99/42293		8/26/1999	Minnesota Mining & Manufacturing Co.	
		EP	0 660 092		6/28/1995	Canon Inc.	
		EP	0 553 535		8/4/1993	Seiko Epson Corporation	
		JP	2000318183		11/21/2000	Sony Corporation	Abstract
		EP	0 684 136	A2 & A3	Nov. 29, 1995	Canon Kabushiki Kaisha	Yes
		JP	58-205820		Nov. 1983	Fuji Electric Chemical Co.	Partial

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<b>OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS</b>			
Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city, and/or country where published.	Translation <sup>6</sup>
		Patent Abstracts of Japan, Publication NO. 02034353; February 5, 1990; Canon, Inc.	Yes
		Patent Abstracts of Japan, Publication NO. 07081290; March 28, 1995; Pentel KK	Yes

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		US 5,410,518		4/25/1995	Birkett
		US 4,594,891		6/17/1986	Benz et al.
		US 6,302,527		10/16/2001	Walker
		US 6,050,669		4/18/2000	Yano et al.
		US 6,012,793		1/11/2000	Haigo
		US 5,877,997		3/2/1999	Fell
		US 4,853,718		8/1/1989	El Hatem et al.
		US 5,035,140		7/30/1991	Daniels et al.
		US 5,583,544		12/10/1996	Stamer et al.
		US 5,619,238		4/8/1997	Higuma et al.
		US 5,675,367		10/7/1997	Scheffelin et al.
		US 3,220,258		11/30/1965	Rod
		US 4,636,814		1/13/1987	Terasawa
		US 5,473,353		12/5/1995	Soucemarianadin, et al.
		US 3,110,890		11/1963	Westcott et al.
		US 4,329,875		05/1982	Nolting et al.
		US 6,089,686		07/2000	Thornton et al.
		US 6,089,686		07/2000	Froger et al.
		US 4,703,652		11/1987	Itoh et al.

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		Country Code <sup>3</sup>	Number <sup>4</sup>	Kind Code <sup>2</sup> (if known)			
		JP	60 4820		11/1/1985		
		FR	002572519	A1	05/1986	Reymond et al.	

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### OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS

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